

DERWENT- 1982-D6240E

ACC-NO:

DERWENT- 198213

WEEK:

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TITLE: Inflatable medical garment - has inflatable cuffs joined around perimeter having fluted sidewalls, between which are inflatable cavities

INVENTOR: BERESNEV, A V; KРИVCHIKOV, Y U N ; KUDRYAVTSE, A I

PATENT-ASSIGNEE: IND HYDRO-DRIVES AUTOM[INHYR] , KHARK MED INST[KHME]

PRIORITY-DATA: 1978SU-2574039 (January 18, 1978)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU <u>839534</u>	B June 23, 1981	N/A	002	N/A

INT-CL (IPC): A61H009/00

ABSTRACTED-PUB-NO: SU 839534B

BASIC-ABSTRACT:

The inflatable garment for use in massage to intensify venous blood flow and lymph flow has a row of cuffs (1) with side walls (2), outer walls (3) and inner walls (4) in contact with the patient's body. The cuffs (1) are joined together around their perimeter and their side walls (2) are fluted. Each cuff (1) has a connection (5) to join its cavity (6) to a source of pressure and to the atmosphere. The spaces (7) between the fluting of adjacent cuffs (1) are joined by additional connections (8) to a source of compressed air and to the atmosphere.

The fact that the cuffs are joined together around their perimeters, have fluted side walls and the cavities between adjacent cuffs' fluting are joined to a compressed air source and to the atmosphere intensifies venous blood flow and lymph flow and autotransfusion and

prevents gravitational blood distribution as the whole surface of the body is treated evenly. Bul.23/23.6.81

CHOSEN- Dwg.1

DRAWING:

TITLE-TERMS: INFLATE MEDICAL GARMENT INFLATE CUFF JOIN PERIMETER FLUTE SIDEWALL INFLATE CAVITY

DERWENT-CLASS: P33